Amendments to the Specification:

Please amend Table 1 on page 9 of the specification as follows:

target gene	shRNA sequence /SEQ ID NO	Reference
CDH-1 p53 CDC20	TgagaagtctcccagtcagTTCAAGAGActgactgggagacttctca (SEQ ID NO: 19) GactccagtggtaatctacTTCAAGAGAgtagattaccactggagtc (SEQ ID NO: 20) CggcaggactccgggccgaTTCAAGAGAtcggcccggagtcctgccg (SEQ ID NO: 21)	Brummelkamp et al., Science, 296: 550-3 (2002).
CYLD	CctcatgcagttctctttgTTCAAGAGAcaaagagaactgcatgagg (SEQ ID NO: 22)	Kovalenko et al, Nature, 424:801-5 (2003).
Ras-Gap	AagatgaagccactccctatttCAAGAGAaaatagggagtggcttcatctt (SEQ ID NO: 23)	Kunath et al., Nature Biotechnology, 21:559-561 (2003).
tubulin	GacagagccaagtggactcACAgagtccacttggctctgtc (SEQ ID NO: 24)	Yu et al., PNAS, 99: 6047-52 (2002)
lamin	Ctggacttccagaagaacattcgtgttcttctggaagtccag (SEQ ID NO: 25)	Paul et al., Nature Bio-technology, 20:505-8 (2002).

Please amend Table 2 on pages 10-14 of the specification as follows :

Target Gene	shRNA Sequence / SEQ ID NO
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 12	GAGATTGGTCCAGAACAGTTTCAAGAGAACTGTTCTGGACCAATCTC (SEQ ID NO: 26) GCCCTTCCGATCATGGTAGTTCAAGAGACTACCATGATCGGAAGGGC (SEQ ID NO: 27) TCTTTAGAATTCTTAAGTATTCAAGAGATACTTAAGAATTCTAAAGA (SEQ ID NO: 28) CATTAGCTATATCAACATGTTCAAGAGACATGTTGATATAGCTAATG (SEQ ID NO: 29)

UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 11	ACCACAAACGGCGGAACGATTCAAGAGATCGTTCCGCCGTTTGTGGT (SEQ ID NO: 30) GAGGGTCTTGGAGGTCTTCTTCAAGAGAGAAGACCTCCAAGACCCTC (SEQ ID NO: 31) GTCCATGCCCAGCCGTACATTCAAGAGATGTACGGCTGGGCATGGAC (SEQ ID NO: 32) GCTGGACACCCTCGTGGAGTTCAAGAGACTCCACGAGGGTGTCCAGC (SEQ ID NO: 33)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 10	GAATATCAGAGAATTGAGTTTCAAGAGAACTCAATTCTCTGATATTC (SEQ ID NO: 34) TGGACTTCATGAGGAAATGTTCAAGAGACATTTCCTCATGAAGTCCA (SEQ ID NO: 35) TATTGAATATCCTGTGGACTTCAAGAGAGTCCACAGGATATTCAATA (SEQ ID NO: 36) TTGTACTGAGAGAAACTGCTTCAAGAGAGCAGTTTCTCTCAGTACAA (SEQ ID NO: 37)
HAUSP	GATCAATGATAGGTTTGAATTCAAGAGATTCAAACCTATCATTGATC (SEQ ID NO: 38) GGAGTTTGAGAAGTTTAAATTCAAGAGATTTAAACTTCTCAAACTCC (SEQ ID NO: 39) GAACTCCTCGCTTGCTGAGTTCAAGAGACTCAGCAAGCGAGGAGTTC (SEQ ID NO: 40) CCGAATTTAACAGAGAGAATTCAAGAGATTCTCTCTGTTAAATTCGG (SEQ ID NO: 41)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 8	GACAGCAGAAGAATGCAGATTCAAGAGATCTGCATTCTTCTGCTGTC (SEQ ID NO: 42) ATAAAGCTCAACGAGAACCTTCAAGAGAGGTTCTCGTTGAGCTTTAT (SEQ ID NO: 43) GGTGAAGTGGCAGAAGAATTTCAAGAGAATTCTTCTGCCACTTCACC (SEQ ID NO: 44) GTATTGCAGTAATCATCACTTCAAGAGAGTGATGATTACTGCAATAC (SEQ ID NO: 45)
FLJ10785	GATATGGGGTTCCATGTCATTCAAGAGATGACATGGAACCCCATATC (SEQ ID NO: 46) GGAGACATGGTTCTTAGTGTTCAAGAGACACTAAGAACCATGTCTCC (SEQ ID NO: 47) AGCACCAAGTTCGTCTCAGTTCAAGAGACTGAGACGAACTTGGTGCT (SEQ ID NO: 48) GATGCAACACTGAAAGAACTTCAAGAGAGTTCTTTCAGTGTTGCATC (SEQ ID NO: 49)
KIAA0710	GTCAATGGCAGTGATGATATTCAAGAGATATCATCACTGCCATTGAC (SEQ ID NO: 50) CCTGCTAGCTGCCTGTGGCTTCAAGAGAGCCACAGGCAGCTAGCAGG (SEQ ID NO: 51) CCACCTTTGCCAGAAGGAGTTCAAGAGACTCCTTCTGGCAAAGGTGG (SEQ

	ID NO: 52) CCCTATTGAGGCAAGTGTCTTCAAGAGAGACACTTGCCTCAATAGGG (SEQ ID NO: 53)
FLJ12552/ FLJ14256	GAAGGAAAACTTGCTGACGTTCAAGAGACGTCAGCAAGTTTTCCTTC (SEQ ID NO: 54) CTCACCTGGGTCCATGAGATTCAAGAGATCTCATGGACCCAGGTGAG (SEQ ID NO: 55) GCTGTCTTACCGTGTGGTCTTCAAGAGAGACCACACGGTAAGACAGC (SEQ ID NO: 56) CCTGGACCGCATGTATGACTTCAAGAGAGTCATACATGCGGTCCAGG (SEQ ID NO: 57)
KIAA1203	GTCAATGGCAGTGATGATATTCAAGAGATATCATCACTGCCATTGAC (SEQ ID NO: 58) CCTGCTAGCTGCCTGTGGCTTCAAGAGAGCCACAGGCAGCTAGCAGG (SEQ ID NO: 59) CCACCTTTGCCAGAAGGAGTTCAAGAGACTCCTTCTGGCAAAGGTGG (SEQ ID NO: 60) CCCTATTGAGGCAAGTGTCTTCAAGAGAGACACTTGCCTCAATAGGG (SEQ ID NO: 61)
FLJ23277	GGAAATCCGAATTGCTTGGTTCAAGAGACCAAGCAATTCGGATTTCC (SEQ ID NO: 62) CACATTTCTTCAAGTGTGGTTCAAGAGACCACACTTGAAGAAATGTG (SEQ ID NO: 63) CAGCAGGATGCTCAAGAATTTCAAGAGAATTCTTGAGCATCCTGCTG (SEQ ID NO: 64) GCTGAATACCTACATTGGCTTCAAGAGAGCCAATGTAGGTATTCAGC (SEQ ID NO: 65)
FLJ14914 (similar to UBP4)	GGGCTTGTGCCTGGCCTTGTTCAAGAGACAAGGCCAGGCACAAGCCC (SEQ ID NO: 66) GCCTTGTCCTGCCAAGAAGTTCAAGAGACTTCTTGGCAGGACAAGGC (SEQ ID NO: 67) GATTGAAGCCAAGGGAACGTTCAAGAGACGTTCCCTTGGCTTCAATC (SEQ ID NO: 68) TGGCGCCTGCTCCCCATCTTTCAAGAGAAGATGGGGAGCAGGCGCCA (SEQ ID NO: 69)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE ISOZYME L5	GAACCAGCAGGCTCTGTGGTTCAAGAGACCACAGAGCCTGCTGGTTC (SEQ ID NO: 70) GGAAGCATAATTATCTGCCTTCAAGAGAGGCAGATAATTATGCTTCC (SEQ ID NO: 71) AGAAGAAGATGCTTTTCACTTCAAGAGAGTGAAAAGCATCTTCTTCT (SEQ ID NO: 72) CTTGCAGAGGAGGAACCCATTCAAGAGATGGGTTCCTCCTCTGCAAG (SEQ ID NO: 73)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE	GCAAACAATCAGCAATGCCTTCAAGAGAGGCATTGCTGATTGTTTGC (SEQ ID NO: 74) TTGGACTGATTCATGCTATTTCAAGAGAATAGCATGAATCAGTCCAA (SEQ ID

ISOZYME L3	NO: 75) CTGGCAATTCGTTGATGTATTCAAGAGATACATCAACGAATTGCCAG (SEQ ID NO: 76) TTAGATGGGCGGAAGCCATTTCAAGAGAATGGCTTCCGCCCATCTAA (SEQ ID NO: 77)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE ISOZYME L1	GAGGAGTCTCTGGGCTCGGTTCAAGAGACCGAGCCCAGAGACTCCTC (SEQ ID NO: 78) GAGCTGAAGGGACAAGAAGTTCAAGAGACTTCTTGTCCCTTCAGCTC (SEQ ID NO: 79) TGTCGGGTAGATGACAAGGTTCAAGAGACCTTGTCATCTACCCGACA (SEQ ID NO: 80) CACAGCTGTTCTTCTGTTCTTCAAGAGAGAACAGAAGAACAGCTGTG (SEQ ID NO: 81)
KIAA1891 / FLJ25263	GTGGAAGCCTTTACAGATCTTCAAGAGAGATCTGTAAAGGCTTCCAC (SEQ ID NO: 82) CAACAGCTGCCTTCATCTGTTCAAGAGACAGATGAAGGCAGCTGTTG (SEQ ID NO: 83) CCATAGGCAGTCCTCCTAATTCAAGAGATTAGGAGGACTGCCTATGG (SEQ ID NO: 84) TGTATCACTGCCACTGGTTTTCAAGAGAAACCAGTGGCAGTGATACA (SEQ ID NO: 85)
FLJ14528 (similar to UBP8)	CATGTTGGGCAGCTGCAGCTTCAAGAGAGCTGCAGCTGCCCAACATG (SEQ ID NO: 86) CACAACTGGAGACCTGAAGTTCAAGAGACTTCAGGTCTCCAGTTGTG (SEQ ID NO: 87) GTATGCCTCCAAGAAAGAGTTCAAGAGACTCTTTCTTGGAGGCATAC (SEQ ID NO: 88) CTTCACAGTACATTTCTCTTTCAAGAGAAGAGAAATGTACTGTGAAG (SEQ ID NO: 89)
U4/U6 TRI SNRNP 65 kDa protein	GTACTTTCAAGGCCGGGGTTTCAAGAGAACCCCGGCCTTGAAAGTAC (SEQ ID NO: 90) CTTGGACAAGCAAGCCAAATTCAAGAGATTTGGCTTGCTTGTCCAAG (SEQ ID NO: 91) GACTATTGTGACTGATGTTTTCAAGAGAAACATCAGTCACAATAGTC (SEQ ID NO: 92) GGAGAACTTTCTGAAGCGCTTCAAGAGAGCGCTTCAGAAAGTTCTCC (SEQ ID NO: 93)
XM_089437	GACGAGAGAAACCTTCACCTTCAAGAGAGGTGAAGGTTTCTCTCGTC (SEQ ID NO: 94) ACATTATTCTACATTCTTTTTCAAGAGAAAAGAATGTAGAATAATGT (SEQ ID NO: 95) AGATTCGCAAATGGATGTATTCAAGAGATACATCCATTTGCGAATCT (SEQ ID NO: 96) CATTCCCACCATGAGTCTGTTCAAGAGACAGACTCATGGTGGGAATG (SEQ ID NO: 97)

KIAA1453	GATCGCCCGACACTTCCGCTTCAAGAGAGCGGAAGTGTCGGGCGATC (SEQ ID NO: 98) CCAGCAGGCCTACGTGCTGTTCAAGAGACAGCACGTAGGCCTGCTGG (SEQ ID NO: 99) GCCAGCTCCTCCACAGCACTTCAAGAGAGTGCTGTGGAGGAGCTGGC (SEQ ID NO: 100) CGCCGCCAAGTGGAGCAGATTCAAGAGATCTGCTCCACTTGGCGGCG (SEQ ID NO: 101)
FLJ12697	GAAGATGCCCATGAATTCCTTCAAGAGAGGAATTCATGGGCATCTTC (SEQ ID NO: 102) CAAACAGGCTGCGCCAGGCTTCAAGAGAGCCTGGCGCAGCCTGTTTG (SEQ ID NO: 103) ACGGCCTAGCGCCTGATGGTTCAAGAGACCATCAGGCGCTAGGCCGT (SEQ ID NO: 104) CTGTAACCTCTCTGATCGGTTCAAGAGACCGATCAGAGAGGTTACAG (SEQ ID NO: 105)
UBIQUITIN SPECIFIC PROTEASE 18 (USP18)	TCTGTCAGTCCATCCTGGCTTCAAGAGAGCCAGGATGGACTGACAGA (SEQ ID NO: 106) TGAAGCGAGAGTCTTGTGATTCAAGAGATCACAAGACTCTCGCTTCA (SEQ ID NO: 107) GATGGAGTGCTAATGGAAATTCAAGAGATTTCCATTAGCACTCCATC (SEQ ID NO: 108) CCTTCAGAGATTGACACGCTTCAAGAGAGCGTGTCAATCTCTGAAGG (SEQ ID NO: 109)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 20	CCTGACCACGTTCCGACTGTTCAAGAGACAGTCGGAACGTGGTCAGG (SEQ ID NO: 110) GAGTTCCTTCGCTGCCTGATTCAAGAGATCAGGCAGCGAAGGAACTC (SEQ ID NO: 111) GACTGCCTTGCTGCCTTCTTTCAAGAGAAGAAGGCAGCAAGGCAGTC (SEQ ID NO: 112) CGCCGAGGGCTACGTACTCTTCAAGAGAGAGTACGTAGCCCTCGGCG (SEQ ID NO: 113)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 24	GGCGAGAAGAAAGGACTGTTTCAAGAGAACAGTCCTTTCTTCTCGCC (SEQ ID NO: 114) GGACGAGAATTGATAAAGATTCAAGAGATCTTTATCAATTCTCGTCC (SEQ ID NO: 115) GCACGAGAATTTGGGAATCTTCAAGAGAGATTCCCAAATTCTCGTGC (SEQ ID NO: 116) CTACTTCATGAAATATTGGTTCAAGAGACCAATATTTCATGAAGTAG (SEQ ID NO: 117)
KIAA1594	GATAACAGCTTCTTGTCTATTCAAGAGATAGACAAGAAGCTGTTATC (SEQ ID NO: 118) GAGAATAGGACATCAGGGCTTCAAGAGAGCCCTGATGTCCTATTCTC (SEQ ID NO: 119) CTTGGAAGACTGAACCTGTTTCAAGAGAACAGGTTCAGTCTTCCAAG (SEQ ID NO: 120) CAACTCCTTTGTGGATGCATTCAAGAGATGCATCCACAAAGGAGTTG (SEQ ID

	NO: 121)
KIAA1350	GATGTTGTCTCCAAATGCATTCAAGAGATGCATTTGGAGACAACATC (SEQ ID NO: 122) CGTGGGGACTGTACCTCCCTTCAAGAGAGGGAGGTACAGTCCCCACG (SEQ ID NO: 123) GTACAGCTTCAGAACCAAGTTCAAGAGACTTGGTTCTGAAGCTGTAC (SEQ ID NO: 124)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 25	GATGATCTTCAGAGAGCAATTCAAGAGATTGCTCTCTGAAGATCATC (SEQ ID NO: 125) GGAACATCGGAATTTGCCTTTCAAGAGAAGGCAAATTCCGATGTTCC (SEQ ID NO: 126) GAGCTAGTGAGGGACTCTTTTCAAGAGAAAGAGTCCCTCACTAGCTC (SEQ ID NO: 127) GCAGGGTTCTTTAAGGCAATTCAAGAGATTGCCTTAAAGAACCCTGC (SEQ ID NO: 128)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 16	TCGATGATTCCTCTGAAACTTCAAGAGAGTTTCAGAGGAATCATCGA (SEQ ID NO: 129) GATAATGGAAATATTGAACTTCAAGAGAGTTCAATATTTCCATTATC (SEQ ID NO: 130) GTTCTTCATTTAAATGATATTCAAGAGATATCATTTAAATGAAGAAC (SEQ ID NO: 131) GTTAACAAACACATAAAGTTTCAAGAGAACTTTATGTGTTTGTTAAC (SEQ ID NO: 132)
USP9X	GTTAGAGAAGATTCTTCGTTTCAAGAGAACGAAGAATCTTCTCTAAC (SEQ ID NO: 133) GTTGATTGGACAATTAAACTTCAAGAGAGTTTAATTGTCCAATCAAC (SEQ ID NO: 134) GGTTGATACCGTAAAGCGCTTCAAGAGAGCGCTTTACGGTATCAACC (SEQ ID NO: 135) GCAATGAAACGTCCAATGGTTCAAGAGACCATTGGACGTTTCATTGC (SEQ ID NO: 136)
USP9Y	AGCTAGAGAAAATTCTTCGTTCAAGAGACGAAGAATTTTCTCTAGCT (SEQ ID NO: 137) GATCCTATATGATGGATGATTCAAGAGATCATCCATCATATAGGATC (SEQ ID NO: 138) GTTCTTCTTGTCAGTGAAATTCAAGAGATTTCACTGACAAGAAGAAC (SEQ ID NO: 139) CTTGAGCTTGAGTGACCACTTCAAGAGAGTGGTCACTCAAGCTCAAG (SEQ ID NO: 140)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 5	GACCGGCCAGCGAGTCTACTTCAAGAGAGTAGACTCGCTGGCCGGTC (SEQ ID NO: 141) GGACCTGGGCTACATCTACTTCAAGAGAGTAGATGTAGCCCAGGTCC (SEQ ID NO: 142) CTCTGTGGTCCAGGTGCTCTTCAAGAGAGAGCACCTGGACCACAGAG (SEQ ID NO: 143)

	GACCACACGATTTGCCTCATTCAAGAGATGAGGCAAATCGTGTGGTC (SEQ ID NO: 144)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 26	TGGCTTGTTTATTGAAGGATTCAAGAGATCCTTCAATAAACAAGCCA (SEQ ID NO: 145) GTGAATTTGGGGAAGATAATTCAAGAGATTATCTTCCCCAAATTCAC (SEQ ID NO: 146) CGCTATAGCTTGAATGAGTTTCAAGAGAACTCATTCAAGCTATAGCG (SEQ ID NO: 147) GATATCCTGGCTCCACACATTCAAGAGATGTGTGGAGCCAGGATATC (SEQ ID NO: 148)
KIAA1097	GAGCCAGTCGGATGTAGATTTCAAGAGAATCTACATCCGACTGGCTC (SEQ ID NO: 149) GTAAATTCTGAAGGCGAATTTCAAGAGAATTCGCCTTCAGAATTTAC (SEQ ID NO: 150) GCCCTCCTAAATCAGGCAATTCAAGAGATTGCCTGATTTAGGAGGGC (SEQ ID NO: 151) GTTGAGAAATGGAGTGAAGTTCAAGAGACTTCACTCCATTTCTCAAC (SEQ ID NO: 152)
UBIQUITIN SPECIFIC PROTEASE 22 (USP22)	GCTTGGAAAATGCAAGGCGTTCAAGAGACGCCTTGCATTTTCCAAGC (SEQ ID NO: 153) CTGCATCATAGACCAGATCTTCAAGAGAGATCTGGTCTATGATGCAG (SEQ ID NO: 154) GATCACCACGTATGTGTCCTTCAAGAGAGGACACATACGTGGTGATC (SEQ ID NO: 155) TGACAACAAGTATTCCCTGTTCAAGAGACAGGGAATACTTGTTGTCA (SEQ ID NO: 156)
UBIQUITIN-SPECIFIC PROCESSING PROTEASE 29	GAAATATAAGACAGATTCCTTCAAGAGAGGAATCTGTCTTATATTTC (SEQ ID NO: 157) CCCATCAAGTTTAGAGGATTTCAAGAGAATCCTCTAAACTTGATGGG (SEQ ID NO: 158) GGTGTCCCATGGGAATATATTCAAGAGATATATTCCCATGGGACACC (SEQ ID NO: 159) GAATGCCGACCTACAAAGATTCAAGAGATCTTTGTAGGTCGGCATTC (SEQ ID NO: 160)
CYLD	CAGTTATATTCTGTGATGTTTCAAGAGAACATCACAGAATATAACTG (SEQ ID NO: 161) GAGGTGTTGGGGACAAAGGTTCAAGAGACCTTTGTCCCCAACACCTC (SEQ ID NO: 162) GTGGGCTCATTGGCTGAAGTTCAAGAGACTTCAGCCAATGAGCCCAC (SEQ ID NO: 163) GAGCTACTGAGGACAGAAATTCAAGAGATTTCTGTCCTCAGTAGCTC (SEQ ID NO: 164)
UBIQUITIN CARBOXYL-TERMINAL	TCAGCAGGATGCTCAGGAGTTCAAGAGACTCCTGAGCATCCTGCTGA (SEQ ID NO: 165) GAAGTTCTCCATCCAGAGGTTCAAGAGACCTCTGGATGGAGAACTTC (SEQ ID

HYDROLASE 2	NO: 166) GCCGGTCCCCACCAGCAGCTTCAAGAGAGCTGCTGGTGGGGACCGGC (SEQ ID NO: 167) CACTCGGGAGTTGAGAGATTTCAAGAGAATCTCTCAACTCCCGAGTG (SEQ ID NO: 168)
UBIQUITIN SPECIFIC PROTEASE 3 (USP3)	GCCCTTGGGTCTGTTTGACTTCAAGAGAGTCAAACAGACCCAAGGGC (SEQ ID NO: 169) CTCAACACTAAACAGCAAGTTCAAGAGACTTGCTGTTTAGTGTTGAG (SEQ ID NO: 170) GATTTCATTGGACAGCATATTCAAGAGATATGCTGTCCAATGAAATC (SEQ ID NO: 171) CATGGGGCACCAACTAATTTTCAAGAGAAATTAGTTGGTGCCCCATG (SEQ ID NO: 172)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 23	GGTGTCTCTGCGGGATTGTTTCAAGAGAACAATCCCGCAGAGACACC (SEQ ID NO: 173) AGTTCAGTAGGTGTAGACTTTCAAGAGAAGTCTACACCTACTGAACT (SEQ ID NO: 174) GAGTTCCTGAAGCTCCTCATTCAAGAGATGAGGAGCTTCAGGAACTC (SEQ ID NO: 175) GGATTTGCTGGGGGCAAGGTTCAAGAGACCTTGCCCCCAGCAAATCC (SEQ ID NO: 176)
UBP-32.7	CTCAGAAAGCCAACATTCATTCAAGAGATGAATGTTGGCTTTCTGAG (SEQ ID NO: 177) CGCATTGTAATAAGAAGGTTTCAAGAGAACCTTCTTATTACAATGCG (SEQ ID NO: 178) GGGAGGAAAATGCAGAAATTTCAAGAGAATTTCTGCATTTTCCTCCC (SEQ ID NO: 179) TTACAAATTTAGGAAATACTTCAAGAGAGTATTTCCTAAATTTGTAA (SEQ ID NO: 180)
HOMO SAPIENS UBIQUITIN SPECIFIC PROTEASE 13 (ISOPEPTIDASE T-3)	GTTATGAATTGATATGCAGTTCAAGAGACTGCATATCAATTCATAAC (SEQ ID NO: 181) GTGATAACACAACTAATGGTTCAAGAGACCATTAGTTGTGTTATCAC (SEQ ID NO: 182) GTAGAGGAGAGTTCTGAAATTCAAGAGATTTCAGAACTCTCCTCTAC (SEQ ID NO: 183) GCCTCTAATCCTGATAAGGTTCAAGAGACCTTATCAGGATTAGAGGC (SEQ ID NO: 184)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 28	GATGATCTTCAGGCTGCCATTCAAGAGATGGCAGCCTGAAGATCATC (SEQ ID NO: 185) GTATGGACAAGAGCGTTGGTTCAAGAGACCAACGCTCTTGTCCATAC (SEQ ID NO: 186) CGAACCCTTCTGGAACAGTTTCAAGAGAACTGTTCCAGAAGGGTTCG (SEQ ID NO: 187) GTGGCATGAAGATTATAGTTTCAAGAGAACTATAATCTTCATGCCAC (SEQ ID NO: 188)

UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 14	GGTGAACAAGGACAGTATCTTCAAGAGAGATACTGTCCTTGTTCACC (SEQ ID NO: 189) GCAATAGAGGATGATTCTGTTCAAGAGACAGAATCATCCTCTATTGC (SEQ ID NO: 190) TCTGTGAATGCCAAAGTTCTTCAAGAGAGAACTTTGGCATTCACAGA (SEQ ID NO: 191) CACACCAGGGAAGGTCTAGTTCAAGAGACTAGACCTTCCCTGGTGTG (SEQ ID NO: 192)
DUB1	GCAGGAAGATGCCCATGAATTCAAGAGATTCATGGGCATCTTCCTGC (SEQ ID NO: 193) GAATGTGCAATATCCTGAGTTCAAGAGACTCAGGATATTGCACATTC (SEQ ID NO: 194) TGGATGATGCCAAGGTCACTTCAAGAGAGTGACCTTGGCATCATCCA (SEQ ID NO: 195) GCTCCGTGCTAAACCTCTCTTCAAGAGAGAGAGGTTTAGCACGGAGC (SEQ ID NO: 196)
MOUSE USP27 HOMOLOG	GCCTCCACCTCAACAGAGGTTCAAGAGACCTCTGTTGAGGTGGAGGC (SEQ ID NO: 197) CTGCATCATAGACCAAATCTTCAAGAGAGATTTGGTCTATGATGCAG (SEQ ID NO: 198) GATCACTACATACATTTCCTTCAAGAGAGGAAATGTATGTAGTGATC (SEQ ID NO: 199) GTAAAGAGAGCAGAATGAATTCAAGAGATTCATTCTGCTCTCTTTAC (SEQ ID NO: 200)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 4	CGCGGGGCGCAGTGGTATCTTCAAGAGAGATACCACTGCGCCCCGCG (SEQ ID NO: 201) CAGAAGGCAGTGGGGAAGATTCAAGAGATCTTCCCCACTGCCTTCTG (SEQ ID NO: 202) GCCTGGGAGAATCACAGGTTTCAAGAGAACCTGTGATTCTCCCAGGC (SEQ ID NO: 203) ACCAGACAAGGAAATACCCTTCAAGAGAGGGTATTTCCTTGTCTGGT (SEQ ID NO: 204)
TRE-2	CACATCCACCACATCGACCTTCAAGAGAGGTCGATGTGGTGGATGTG (SEQ ID NO: 205) GTCACAACCCAAGACCATGTTCAAGAGACATGGTCTTGGGTTGTGAC (SEQ ID NO: 206) CTCAACAGGACAAATCCCATTCAAGAGATGGGATTTGTCCTGTTGAG (SEQ ID NO: 207) TAGATCAATTATTGTGGATTTCAAGAGAATCCACAATAATTGATCTA (SEQ ID NO: 208)
UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 15 (UNPH-2).	GGAACACCTTATTGATGAATTCAAGAGATTCATCAATAAGGTGTTCC (SEQ ID NO: 209) CTTTAACAGAAATTGTCTCTTCAAGAGAGAGACAATTTCTGTTAAAG (SEQ ID NO: 210) CCTATGCAGTACAAAGTGGTTCAAGAGACCACTTTGTACTGCATAGG (SEQ ID NO: 211) GATCTTTTCTTGCTTTGGATTCAAGAGATCCAAAGCAAGAAAAGATC (SEQ ID

	NO: 212)
KIAA1372	CAGCATCCTTCAGGCCTTATTCAAGAGATAAGGCCTGAAGGATGCTG (SEQ ID NO: 213) GATAGTGACTCGGATCTGCTTCAAGAGAGCAGATCCGAGTCACTATC (SEQ ID NO: 214) GACATCACAGCCCGGGAGTTTCAAGAGAACTCCCGGGCTGTGATGTC (SEQ ID NO: 215) GGACACAGCCTATGTGCTGTTCAAGAGACAGCACATAGGCTGTGTCC (SEQ ID NO: 216)
BRCA1 ASSOCIATED PROTEIN-1	GTGGAGGAGATCTACGACCTTCAAGAGAGGTCGTAGATCTCCTCCAC (SEQ ID NO: 217) CTCTTGTGCAACTCATGCCTTCAAGAGAGGCATGAGTTGCACAAGAG (SEQ ID NO: 218) ACAGGGCCCCTGCAGCCTCTTCAAGAGAGAGGCTGCAGGGGCCCTGT (SEQ ID NO: 219) GAAGACCTGGCGGCAGGTGTTCAAGAGACACCTGCCGCCAGGTCTTC (SEQ ID NO: 220)